

PATENT ABSTRACTS OF JAPAN

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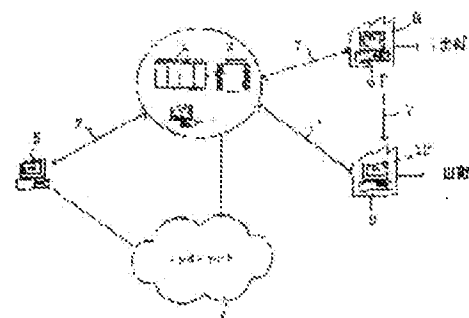
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(54) OPERATING ROOM MANAGEMENT SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an operating room management system for preliminarily preparing kits for operation to be used including fixtures designated by a responsible doctor when an operation object patient, an operation schedule room and a responsible doctor name are determined.

SOLUTION: This system is configured to formally order kits for operation when an operating room is determined, and to total and analyze an operation time, and to total a material sum, and to individually total various data such as the number of items of operations of each responsible doctor, the display of the costs of used materials and time-categorized execution circumstances from those data for analysis.



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CLAIMS

[Claim(s)]

[Claim 1]

The server computer of a medical supply manufacturing company and the client computer terminal of medical institutions, such as two or more hospitals, are connected by the dedicated line,
The server computer of a medical supply manufacturing company has an operation data control means to receive and manage which operation data of Patient ID and the operating room name which were inputted at said client computer terminal, operation time amount, the technique, and technique structure,
The client computer terminal of medical institutions, such as a hospital, is an operating room managerial system characterized by having an operation data transmitting means to input which operation data of Patient ID and the operating room name accompanying an operation, operation time amount, the technique, and technique structure, and to transmit to the server computer of a medical supply manufacturing company, and making the communication link possible mutually.

[Claim 2]

It is the operating room managerial system to which the server computer of a medical supply manufacturing company and the client computer terminal of medical institutions, such as two or more hospitals, are connected by the communication line,
The server computer of a medical supply manufacturing company is an operation data control means to receive and manage the operation information transmitted from the client computer terminal in said medical institution,
It has the kit management tool for an operation directed in the production works which produce the kit for an operation which corresponds from operation information, and the conveyance pin center,large conveyed to a medical institution,
On the other hand, the client computer terminal in a medical institution is an operating room data input means to input the operating room reservation for a patient, and definite data,
Kit selection management tool for an operation which carries out selection management of the kit for an operation used according to the contents of an operation An order means to order this kit for an operation from a medical supply manufacturing company,
A data control means to manage the data for every operation about an operation at large,
The operating room managerial system characterized by ****(ing).

[Claim 3]

The kit information management means for an operation of said server computer is an operating room managerial system according to claim 2 characterized by having the order-received decision function to receive formal order when definite processing is carried out, the time of an operating room being reserved with the client computer terminal of a medical institution, and, directing production of the kit concerned to production works, and directing conveyance in the conveyance pin center,large.

[Claim 4]

The operating room data input means of the client computer terminal in said medical institution is a function manager which manages the use situation of an operating room,

The reservation function which reserves an operating room,

The operating room managerial system according to claim 2 to 3 characterized by having the definite function which carries out reservation decision of an operating room.

[Claim 5]

The kit selection management tool for an operation of the client computer terminal in said medical institution is a kit function manager which manages the fundamental contents of a standard kit according to a patient's contents of an operation,

The operating room managerial system according to claim 2 to 4 characterized by choosing from the medical practitioner material-of-construction function manager of said medical team management tool in its duty the operation ingredient and surgeon medicine which the medical practitioner specializing in an operation uses, and having the ingredient function manager included in said kit function manager.

[Claim 6]

counting to which the data control means of the client computer terminal in said medical institution manages the number of operation of an operating room -- a function,

The number of operations for every medical practitioner in charge, and the medical practitioner analysis data administration facility in its duty which manages the contents of an operation

The operating room managerial system according to claim 2 to 5 characterized by having the operation management data output function which outputs operation management data accompanying an operation, such as the medical practitioner in charge and the contents for an operation of a kit.

[Claim 7]

the client computer terminal in said medical institution -- the need -- setting -- the medical team management tool in its duty -- having -- said medical team management tool in its duty -- the medical practitioner in charge, the medical practitioner specializing in ***, and nursing -- the medical worker quota function to perform a teacher's allotment procedure,

The operation ingredient used for every medical practitioner in charge, the operating room managerial system according to claim 2 to 6 characterized by having the medical practitioner material-of-construction function manager which manages the data of surgeon medicine.

[Translation done.]

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DETAILED DESCRIPTION

[Detailed Description of the Invention]

[Field of the Invention]

[0001]

This invention relates to the operating room managerial system for aiming at a deployment of the kit for an operation used at the time of an operation in medical institutions, such as a hospital. In more detail The kit information for an operation accompanying an operation is communicated between the server computer of a medical supply manufacturing company, and the client computer terminal of medical institutions, such as two or more hospitals. While carrying out the temporary order of the kit for an operation and enabling the automatic order of it with the decision at the time of an operation subsequently furthermore in a medical supply manufacturing company at the time of an operation schedule, the new operating room managerial system which makes possible cost controls, such as operation time management for every medical practitioner in charge concerning an operation and the contents for an operation of a kit, is offered.

[Background of the Invention]

[0002]

since reservation of the operating room used in case he undergoes an operation in medical institutions, such as the conventional hospital, fills an empty room one by one for example, on a blackboard and the medical practitioner in charge etc. decides -- an operating room -- final -- deciding -- two or more nursing after that of one's each person in charge post -- instruments, chemicals, etc. related to a teacher were collected from the Management Department station in a medical institution, and it was preparing as a kit for an operation.

[0003]

although an operating room preparation article inventory check will be performed as an activity in this case if an operation candidate is decided first -- concrete -- an ingredient inventory check, a drugs inventory check, and a linen inventory check -- the nursing in its duty -- it accomplishes by the teacher.

[0004]

the case where it takes out from a goods pin center, large when an ingredient claim cut-form, a drugs claim cut-form, and a linen claim cut-form are submitted to a goods pin center, large when collecting the instruments and chemicals which were set in the warehouse in a hospital, and there is an inventory, and there is no inventory -- new -- the nursing in its duty -- a teacher -- or the personnel of a goods pin center, large had to create the order cut-form, and had to do order processing.

[0005]

for this reason, nursing of charge -- for the teacher, the dead work of the kit for an operation at the time of an operation was also added besides nursing of the sick person who is originally business, and it had become a busy cause.

[0006]

moreover, nursing which prepares these while checking the instrument and chemical which the medical practitioner in charge specifies beforehand in the case of preparation of the kit for an operation and recognizing liking of each medical practitioner, since the instrument and chemical which are used also with the workmanship of the medical practitioner in charge differ from each other -- it had become a teacher's burden.

[0007]

for this reason, as a system which the kit for a direct operation is not prepared in a hospital, and the method of an order external order of ordering the kit for an operation through a dealer comes to be adopted, and performs such a subcontract JP,2002-259778,A "a medical materials management system and an approach" "In the medical

materials management system which manages a medical ingredient according to a computer system. The medical institution terminal used in the medical institution which received the delivery of goods of the medical ingredient of the constant which consists of the class and quantity which were determined beforehand. It connects with the distribution center terminal used in the distribution center which delivers a medical ingredient through a communication network. A record means to relate the information which it came to constitute possible [communication] mutually to each, and was inputted through said medical institution terminal with the medical institution which disseminated this information, and to record it. When the leaving-the-garage information containing the class and number of medical ingredients with which it was consumed of the medical ingredients [finishing / delivery of goods] through said medical institution terminal is inputted, while memorizing this leaving-the-garage information to the predetermined field of said storage means. An order-received means to notify reception of this leaving-the-garage information to the medical institution terminal which disseminated this leaving-the-garage information. An order means to output the ordering information which specifies the medical ingredient which should be delivered to the medical institution which disseminated this leaving-the-garage information based on the leaving-the-garage information memorized by said storage means to said distribution center terminal. When the warehousing information containing the class and number of medical ingredients which were delivered from said distribution center is inputted through said medical institution terminal, The medical materials management system characterized by having the delivery-of-goods management tool which adds the identifier which identifies that it is warehousing settled to the data with which it corresponds of the leaving-the-garage information memorized by said storage means, and is memorized for said storage means" is indicated.

[Patent reference 1] JP,2002-259778,A

[Description of the Invention]

[Problem(s) to be Solved by the Invention]

[0008]

as mentioned above, the inside of the former and a hospital -- nursing for direct -- although the kit for an operation is not prepared, but the kit for an operation is ordered through a dealer and it has come to perform external order by the teacher or the full-time personnel, by the time the kit for an operation was finally delivered from the order by the side of a hospital in this case, time amount had taken about about two weeks.

[0009]

Therefore, when it could order from the delivery-of-goods contractor side at the time of reservation a patient's operating room, and preparation of the medical-supply manufacturing company which is a delivery-of-goods contractor side could also respond a little early, the operation decided it to the forward type further and formal order carried out, in a medical-supply manufacturing-company side, development of the new system an instrument, a chemical, etc. prepared beforehand are carried out as the kit for an operation, combination is carried out, sterilization processing is carried out and the preparation which can be shipped can do was desired.

[Means for Solving the Problem]

[0010]

this invention person etc. offers the new operating room managerial system that in which the kit for an operation to be used contains the instrument which the medical practitioner in charge specifies enabled it to prepare beforehand, when it inquired wholeheartedly and the patient for an operation, an operation schedule room, and the medical practitioner name in charge are decided, in order to solve the starting technical problem.

[0011]

That is, the server computer of a medical supply manufacturing company and the client computer terminal of medical institutions, such as two or more hospitals, are connected by the dedicated line the first of this invention. The server computer of a medical supply manufacturing company has an operation data control means to receive and manage which operation data of Patient ID and the operating room name which were inputted at said client computer terminal, operation time amount, the technique, and technique structure. The client computer terminal of medical institutions, such as a hospital, is an operating room managerial system characterized by having an operation data transmitting means to input which operation data of Patient ID and the operating room name accompanying an operation, operation time amount, the technique, and technique structure, and to transmit to the server computer of a medical supply manufacturing company, and making the communication link possible mutually.

[0012]

The second of this invention is an operating room managerial system to which the server computer of a medical supply manufacturing company and the client computer terminal of medical institutions, such as two or more

hospitals, are connected by the communication line,

The server computer of a medical supply manufacturing company is an operation data control means to receive and manage the operation information transmitted from the client computer terminal in said medical institution. It has the kit management tool for an operation directed in the production works which produce the kit for an operation which corresponds from operation information, and the conveyance pin center, large conveyed to a medical institution,

On the other hand, the client computer terminal in a medical institution is an operating room data input means to input the operating room reservation for a patient, and definite data,

Kit selection management tool for an operation which carries out selection management of the kit for an operation used according to the contents of an operation An order means to order this kit for an operation from a medical supply manufacturing company,

A data control means to manage the data for every operation about an operation at large,

It is the operating room managerial system characterized by ****(ing).

[0013]

It is the operating room managerial system according to claim 2 characterized by having the order-received decision function in which the third of this invention receives formal order when definite processing of the kit information management means for an operation of said server computer is carried out with the time of an operating room being reserved with the client computer terminal of a medical institution, directing production of the kit concerned to production works, and directing conveyance in the conveyance pin center, large.

[0014]

For the operating room data input means of the client computer terminal in said medical institution, the fourth of this invention is a function manager which manages the use situation of an operating room,

The reservation function which reserves an operating room,

It is the operating room managerial system according to claim 2 to 3 characterized by having the definite function which carries out reservation decision of an operating room.

[0015]

For the kit selection management tool for an operation of the client computer terminal in said medical institution, the fifth of this invention is a kit function manager which manages the fundamental contents of a standard kit according to a patient's contents of an operation,

It is the operating room managerial system according to claim 2 to 4 characterized by choosing from the medical practitioner material-of-construction function manager of said medical team management tool in its duty the operation ingredient and surgeon medicine which the medical practitioner specializing in an operation uses, and having the ingredient function manager included in said kit function manager.

[0016]

counting to which, as for the data control means of the client computer terminal in said medical institution, the sixth of this invention manages the number of operation of an operating room -- a function,

The number of operations for every medical practitioner in charge, and the medical practitioner analysis data administration facility in its duty which manages the contents of an operation

It is the operating room managerial system according to claim 2 to 5 characterized by having the operation management data output function which outputs operation management data accompanying an operation, such as the medical practitioner in charge and the contents for an operation of a kit.

[0017]

the seventh of this invention -- the client computer terminal in said medical institution -- the need -- setting -- the medical team management tool in its duty -- having -- said medical team management tool in its duty -- the medical practitioner in charge, the medical practitioner specializing in ****, and nursing -- the medical worker quota function to perform a teacher's allotment procedure,

They are the operation ingredient used for every medical practitioner in charge, and the operating room managerial system according to claim 2 to 6 characterized by having the medical practitioner material-of-construction function manager which manages the data of surgeon medicine.

[Effect of the Invention]

[0018]

using the operating room managerial system of this invention -- nursing of the staff -- the intensive activity of information, such as an ingredient for an operation currently respectively collected by the teacher, -- being lost -- nursing -- a teacher can concentrate now on original nursing service.

[0019]

Since it becomes possible to take out the average of operation time amount by data-izing operation hysteresis, such as operation time amount of the medical practitioner in charge, it has the effectiveness that reservation of an operating room becomes easy.

[0020]

Moreover, since the kit for an operation and measuring count for every instrument or chemical used used for every medical practitioner in charge can be made easy, the comparison data control for every medical practitioner in charge also becomes possible easily.

[Best Mode of Carrying Out the Invention]

[0021]

Although the operating room managerial system of this invention is explained based on a drawing below at a detail, this inventions are not these things limited.

[Example 1]

[0022]

Drawing 1 is a schematic diagram explaining the operating room managerial system of this invention. It connects with a dedicated line 7 or the Internet communication network 4, and the server computer 1 of the medical supply manufacturing company which supplies the kit for an operation is connected [terminal / 5 / which was installed in each medical office of a medical institution / client computer] by the dedicated line 7 in the personal computer terminal 6 of the production works 8, and the personal computer terminal 9 of the conveyance pin center, large 10.

[0023]

In this case, although the client computer terminal 5 of a medical institution has an operating room data input means input the operating room reservation for a patient, and definite data, the kit management tool for an operation which manages the kit for an operation used according to the contents of an operation, and an order means order this kit for an operation from a medical-supply manufacturing company, it supposes that it is controllable only to dispatch of the data concerned about production and conveyance of the kit for an operation from the data secrecy obligation of a patient or a medical institution at the server computer of a medical-supply manufacturing company.

[0024]

Said operating room data input means enables it to more specifically secure the operation effectiveness of an operating room by having the function manager which manages the use situation of an operating room, the reservation function which reserves an operating room for a patient, and the definite function to decide an operating room for a patient.

[0025]

Moreover, the kit function manager to which said kit selection management tool for an operation manages the fundamental contents of a standard kit according to a patient's contents of an operation, By choosing from the medical practitioner material-of-construction function manager of said medical team management tool in its duty the operation ingredient which the medical practitioner specializing in an operation uses, and having the 2nd kit function manager included in said kit function manager Temporary reservation of an operation candidate, the medical practitioner in charge, and the operating room is carried out, and it enables it to connect the kit for an operation to a medical supply manufacturing company after reservation decision.

[0026]

counting to which said data control means furthermore manages the number of operation of an operating room -- having a function and the medical practitioner data control device in its duty in which the number of operations for every medical practitioner in charge and the contents of an operation are managed -- the various kinds for every operation -- counting -- processing is made possible.

[0027]

moreover, the need -- setting -- a client computer terminal -- the medical team management tool in its duty -- having -- this medical team management tool in its duty -- the medical practitioner in charge, the medical practitioner specializing in ****, and nursing -- especially the medical practitioner in charge has made selectable the usually used assignment instrument beforehand by having the medical worker quota function to manage a teacher, and the medical practitioner material-of-construction function manager which manages the ingredient used for every medical practitioner in charge.

[0028]

If the operation management person in charge by the side of a medical institution open the main menu which be a basic screen as first show in drawing 2 , input the basic information input show in drawing 3 from an employment

menu and do the selection input of the requirement of Patient ID , operation reservation time , the technique , technique structure , an operation location , etc. , as a concrete processing means of this invention system , he change that required room information , **** information , device information , ingredient information , and staff information be selectable according to an individual for every operation .

[0029]

After the input of such required information is completed, as shown in drawing 4 , reservation of an operating room is attained, the reservation status for every operating room carries out sequential becoming clear at this time, Patient ID is inputted to an empty room, and temporary reservation of the room is performed.

[0030]

Subsequently, if this operation reservation is decided on a definite screen as shown in drawing 5 , the formal order also of the kit for an operation will be carried out, and it will be delivered to a medical institution side via a direct or conveyance pin center, large in the kit for an operation which performed formal production at medical kit production works, and added sterilization processing.

[0031]

Moreover, as are shown in the ordering information input screen of drawing 6 , and the order situation chart of an order day by day is displayed simply or is shown in the master maintenance screen of drawing 7 . If it inputs for every master, patient information, hospital information, allergy information, agency information, equipments information, standard set information, device information, name information, personnel information, etc. A total, analysis, and the ingredient amount of money were totaled for operation time amount, from these data, according to an individual, the total became possible and various data, such as the operation number of cases for every medical practitioner in charge, a display of the used ingredient cost, and an operation situation classified by time amount, are greatly contributed to the management of a medical institution.

[0032]

Drawing 8 is the flow sheet Fig. showing the operating room secured processing by the terminal of the medical office concerning this invention, and drawing 9 is a flow sheet Fig. explaining the flow of the operation concerning this invention system. this invention system feature performs temporary reservation of the room first at the time of the reservation of an operating room inputted by the client computer terminal 5 of a medical institution, and, subsequently receives formal order for the kit for an operation in a definite input.

[Brief Description of the Drawings]

[0033]

[Drawing 1] It is a schematic diagram explaining the operating room managerial system of this invention.

[Drawing 2] It is the explanatory view which displays a main menu screen.

[Drawing 3] It is the explanatory view showing a reservation screen in drawing 2 .

[Drawing 4] It is the explanatory view showing a definite screen in drawing 2 .

[Drawing 5] It is the explanatory view showing individual decision among definite screens.

[Drawing 6] It is the explanatory view showing order processing.

[Drawing 7] It is the explanatory view of a master management input screen.

[Drawing 8] It is the flow sheet Fig. showing the operating room secured processing by the terminal of the medical office concerning this invention. [Drawing 9] It is a flow sheet Fig. explaining the flow of the operation concerning this invention system.

[Description of Notations]

[0034]

- 1 ... Server computer
- 2 ... Database
- 3 ... Personal computer terminal of a medical supply manufacturing company
- 4 ... Internet communication network
- 5 ... Client computer terminal
- 6 ... Personal computer terminal for production works
- 7 ... Dedicated line
- 8 ... Kit production works for an operation
- 9 ... Personal computer terminal for conveyance pin center, large
- 10 ... Conveyance pin center, large

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TECHNICAL FIELD

[Field of the Invention]

[0001]

This invention relates to the operating room managerial system for aiming at a deployment of the kit for an operation used at the time of an operation in medical institutions, such as a hospital. In more detail The kit information for an operation accompanying an operation is communicated between the server computer of a medical supply manufacturing company, and the client computer terminal of medical institutions, such as two or more hospitals. While carrying out the temporary order of the kit for an operation and enabling the automatic order of it with the decision at the time of an operation subsequently furthermore in a medical supply manufacturing company at the time of an operation schedule, the new operating room managerial system which makes possible cost controls, such as operation time management for every medical practitioner in charge concerning an operation and the contents for an operation of a kit, is offered.

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 PRIOR ART

[Background of the Invention]

[0002]

since reservation of the operating room used in case he undergoes an operation in medical institutions, such as the conventional hospital, fills an empty room one by one for example, on a blackboard and the medical practitioner in charge etc. decides -- an operating room -- final -- deciding -- two or more nursing after that of one's each person in charge post -- instruments, chemicals, etc. related to a teacher were collected from the Management Department station in a medical institution, and it was preparing as a kit for an operation.

[0003]

although an operating room preparation article inventory check will be performed as an activity in this case if an operation candidate is decided first -- concrete -- an ingredient inventory check, a drugs inventory check, and a linen inventory check -- the nursing in its duty -- it accomplishes by the teacher.

[0004]

the case where it takes out from a goods pin center, large when an ingredient claim cut-form, a drugs claim cut-form, and a linen claim cut-form are submitted to a goods pin center, large when collecting the instruments and chemicals which were set in the warehouse in a hospital, and there is an inventory, and there is no inventory -- new -- the nursing in its duty -- a teacher -- or the personnel of a goods pin center, large had to create the order cut-form, and had to do order processing.

[0005]

for this reason, nursing of charge -- for the teacher, the dead work of the kit for an operation at the time of an operation was also added besides nursing of the sick person who is originally business, and it had become a busy cause.

[0006]

moreover, nursing which prepares these while checking the instrument and chemical which the medical practitioner in charge specifies beforehand in the case of preparation of the kit for an operation and recognizing liking of each medical practitioner, since the instrument and chemical which are used also with the workmanship of the medical practitioner in charge differ from each other -- it had become a teacher's burden.

[0007]

for this reason, as a system which the kit for a direct operation is not prepared in a hospital, and the method of an order external order of ordering the kit for an operation through a dealer comes to be adopted, and performs such a subcontract JP,2002-259778,A "a medical materials management system and an approach" "In the medical materials management system which manages a medical ingredient according to a computer system The medical institution terminal used in the medical institution which received the delivery of goods of the medical ingredient of the constant which consists of the class and quantity which were determined beforehand, It connects with the distribution center terminal used in the distribution center which delivers a medical ingredient through a communication network. A record means to relate the information which it came to constitute possible [communication] mutually to each, and was inputted through said medical institution terminal with the medical institution which disseminated this information, and to record it, When the leaving-the-garage information containing the class and number of medical ingredients with which it was consumed of the medical ingredients [finishing / delivery of goods] through said medical institution terminal is inputted, while memorizing this leaving-the-garage information to the predetermined field of said storage means An order-received means to notify reception of this leaving-the-garage information to the medical institution terminal which disseminated this leaving-the-garage information, An order means to output the ordering information which specifies the medical ingredient

which should be delivered to the medical institution which disseminated this leaving-the-garage information based on the leaving-the-garage information memorized by said storage means to said distribution center terminal, When the warehousing information containing the class and number of medical ingredients which were delivered from said distribution center is inputted through said medical institution terminal, The medical materials management system characterized by having the delivery-of-goods management tool which adds the identifier which identifies that it is warehousing settled to the data with which it corresponds of the leaving-the-garage information memorized by said storage means, and is memorized for said storage means" is indicated.

[Patent reference 1] JP,2002-259778,A

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EFFECT OF THE INVENTION

[Effect of the Invention]

[0018]

using the operating room managerial system of this invention -- nursing of the staff -- the intensive activity of information, such as an ingredient for an operation currently respectively collected by the teacher, -- being lost -- nursing -- a teacher can concentrate now on original nursing service.

[0019]

Since it becomes possible to take out the average of operation time amount by data-izing operation hysteresis, such as operation time amount of the medical practitioner in charge, it has the effectiveness that reservation of an operating room becomes easy.

[0020]

Moreover, since the kit for an operation and measuring count for every instrument or chemical used used for every medical practitioner in charge can be made easy, the comparison data control for every medical practitioner in charge also becomes possible easily.

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TECHNICAL PROBLEM

[Problem(s) to be Solved by the Invention]

[0008]

as mentioned above, the inside of the former and a hospital -- nursing for direct -- although the kit for an operation is not prepared, but the kit for an operation is ordered through a dealer and it has come to perform external order by the teacher or the full-time personnel, by the time the kit for an operation was finally delivered from the order by the side of a hospital in this case, time amount had taken about about two weeks.

[0009]

Therefore, when it could order from the delivery-of-goods contractor side at the time of reservation a patient's operating room, and preparation of the medical-supply manufacturing company which is a delivery-of-goods contractor side could also respond a little early, the operation decided it to the forward type further and formal order carried out, in a medical-supply manufacturing-company side, development of the new system an instrument, a chemical, etc. prepared beforehand are carried out as the kit for an operation, combination is carried out, sterilization processing is carried out and the preparation which can be shipped can do was desired.

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MEANS

[Means for Solving the Problem]

[0010]

this invention person etc. offers the new operating room managerial system that in which the kit for an operation to be used contains the instrument which the medical practitioner in charge specifies enabled it to prepare beforehand, when it inquired wholeheartedly and the patient for an operation, an operation schedule room, and the medical practitioner name in charge are decided, in order to solve the starting technical problem.

[0011]

That is, the server computer of a medical supply manufacturing company and the client computer terminal of medical institutions, such as two or more hospitals, are connected by the dedicated line the first of this invention,

The server computer of a medical supply manufacturing company has an operation data control means to receive and manage which operation data of Patient ID and the operating room name which were inputted at said client computer terminal, operation time amount, the technique, and technique structure, The client computer terminal of medical institutions, such as a hospital, is an operating room managerial system characterized by having an operation data transmitting means to input which operation data of Patient ID and the operating room name accompanying an operation, operation time amount, the technique, and technique structure, and to transmit to the server computer of a medical supply manufacturing company, and making the communication link possible mutually.

[0012]

The second of this invention is an operating room managerial system to which the server computer of a medical supply manufacturing company and the client computer terminal of medical institutions, such as two or more hospitals, are connected by the communication line,

The server computer of a medical supply manufacturing company is an operation data control means to receive and manage the operation information transmitted from the client computer terminal in said medical institution,

It has the kit management tool for an operation directed in the production works which produce the kit for an operation which corresponds from operation information, and the conveyance pin center, large conveyed to a medical institution,

On the other hand, the client computer terminal in a medical institution is an operating room data input means to input the operating room reservation for a patient, and definite data,

Kit selection management tool for an operation which carries out selection management of the kit for an operation used according to the contents of an operation An order means to order this kit for an operation from a medical supply manufacturing company,

A data control means to manage the data for every operation about an operation at large,

It is the operating room managerial system characterized by ****(ing).

[0013]

It is the operating room managerial system according to claim 2 characterized by having the order-

received decision function in which the third of this invention receives formal order when definite processing of the kit information management means for an operation of said server computer is carried out with the time of an operating room being reserved with the client computer terminal of a medical institution, directing production of the kit concerned to production works, and directing conveyance in the conveyance pin center, large.

[0014]

For the operating room data input means of the client computer terminal in said medical institution, the fourth of this invention is a function manager which manages the use situation of an operating room, The reservation function which reserves an operating room,

It is the operating room managerial system according to claim 2 to 3 characterized by having the definite function which carries out reservation decision of an operating room.

[0015]

For the kit selection management tool for an operation of the client computer terminal in said medical institution, the fifth of this invention is a kit function manager which manages the fundamental contents of a standard kit according to a patient's contents of an operation,

It is the operating room managerial system according to claim 2 to 4 characterized by choosing from the medical practitioner material-of-construction function manager of said medical team management tool in its duty the operation ingredient and surgeon medicine which the medical practitioner specializing in an operation uses, and having the ingredient function manager included in said kit function manager.

[0016]

counting to which, as for the data control means of the client computer terminal in said medical institution, the sixth of this invention manages the number of operation of an operating room -- a function,

The number of operations for every medical practitioner in charge, and the medical practitioner analysis data administration facility in its duty which manages the contents of an operation

It is the operating room managerial system according to claim 2 to 5 characterized by having the operation management data output function which outputs operation management data accompanying an operation, such as the medical practitioner in charge and the contents for an operation of a kit.

[0017]

the seventh of this invention -- the client computer terminal in said medical institution -- the need -- setting -- the medical team management tool in its duty -- having -- said medical team management tool in its duty -- the medical practitioner in charge, the medical practitioner specializing in ****, and nursing -- the medical worker quota function to perform a teacher's allotment procedure,

They are the operation ingredient used for every medical practitioner in charge, and the operating room managerial system according to claim 2 to 6 characterized by having the medical practitioner material-of-construction function manager which manages the data of surgeon medicine.

[Translation done.]

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3. In the drawings, any words are not translated.

DESCRIPTION OF DRAWINGS

[Brief Description of the Drawings]

[0033]

[Drawing 1] It is a schematic diagram explaining the operating room managerial system of this invention.

[Drawing 2] It is the explanatory view which displays a main menu screen.

[Drawing 3] It is the explanatory view showing a reservation screen in drawing 2 .

[Drawing 4] It is the explanatory view showing a definite screen in drawing 2 .

[Drawing 5] It is the explanatory view showing individual decision among definite screens.

[Drawing 6] It is the explanatory view showing order processing.

[Drawing 7] It is the explanatory view of a master management input screen.

[Drawing 8] It is the flow sheet Fig. showing the operating room secured processing by the terminal of the medical office concerning this invention.

[Drawing 9] It is a flow sheet Fig. explaining the flow of the operation concerning this invention system.

[Translation done.]

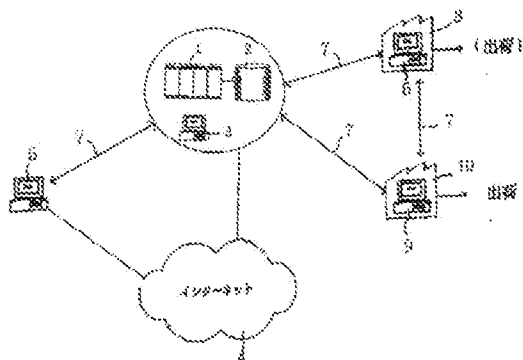
* NOTICES *

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DRAWINGS

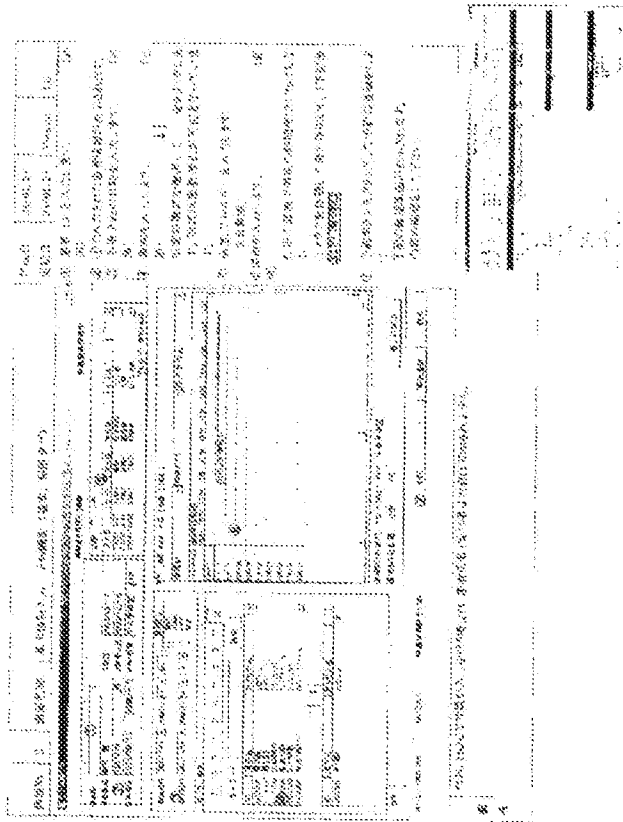
[Drawing 1]



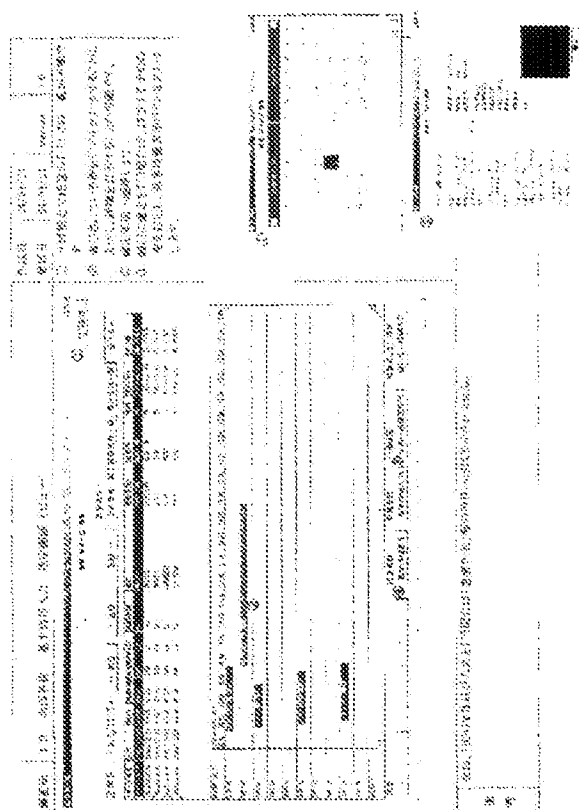
[Drawing 2]

問題番号	問題名	問題文	問題文
1	1. 次の文をよみ、その意を説明せよ。	1. 次の文をよみ、その意を説明せよ。	1. 次の文をよみ、その意を説明せよ。
2	2. 次の文をよみ、その意を説明せよ。	2. 次の文をよみ、その意を説明せよ。	2. 次の文をよみ、その意を説明せよ。
3	3. 次の文をよみ、その意を説明せよ。	3. 次の文をよみ、その意を説明せよ。	3. 次の文をよみ、その意を説明せよ。
4	4. 次の文をよみ、その意を説明せよ。	4. 次の文をよみ、その意を説明せよ。	4. 次の文をよみ、その意を説明せよ。
5	5. 次の文をよみ、その意を説明せよ。	5. 次の文をよみ、その意を説明せよ。	5. 次の文をよみ、その意を説明せよ。
6	6. 次の文をよみ、その意を説明せよ。	6. 次の文をよみ、その意を説明せよ。	6. 次の文をよみ、その意を説明せよ。
7	7. 次の文をよみ、その意を説明せよ。	7. 次の文をよみ、その意を説明せよ。	7. 次の文をよみ、その意を説明せよ。
8	8. 次の文をよみ、その意を説明せよ。	8. 次の文をよみ、その意を説明せよ。	8. 次の文をよみ、その意を説明せよ。
9	9. 次の文をよみ、その意を説明せよ。	9. 次の文をよみ、その意を説明せよ。	9. 次の文をよみ、その意を説明せよ。
10	10. 次の文をよみ、その意を説明せよ。	10. 次の文をよみ、その意を説明せよ。	10. 次の文をよみ、その意を説明せよ。

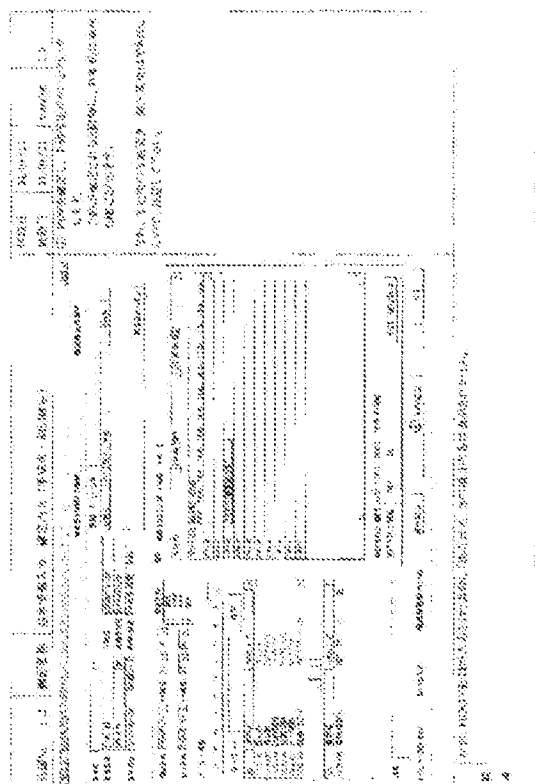
[Drawing 3]



[Drawing 4]



[Drawing 5]



[Drawing 6]

姓名: 王德明 性别: 男 年龄: 45 民族: 汉族 籍贯: 山东省济南市		身份证号: 37010219580515001X 联系电话: 13801234567 电子邮箱: wangdeming@163.com	
教育程度: 大学本科 专业: 计算机科学与技术 毕业院校: 山东大学		工作经历: 2005.07-2010.06 山东某公司 软件开发 2010.07-2015.06 北京某公司 项目经理 2015.07-至今 上海某公司 高级经理	
婚姻状况: 已婚 配偶姓名: 李秀英 子女姓名: 王小明		健康状况: 良好 血型: O型 过敏史: 无	
自我评价: 为人正直, 责任心强, 具备良好的沟通能力和团队合作精神。		求职意向: 寻求具有挑战性的工作, 发挥专业特长, 为公司创造价值。	

[Drawing 7]

[illegible]


```

graph TD
    A[手続開始] --> B[手続開始の通知]
    B --> C["(基本書類の提出) 図2参照  
(手続料の交付) 図3参照"]
    C --> D[実質審査]
    D --> E[正式登録]
    D --> F["放棄の意思を表明  
正式廃止"]
    E --> G[特許権発給]
    F --> G
    G --> H[特許利用の促進]
    H --> I[特許の存続]
  
```

特許審査手続の概略

手続開始

手続開始の通知

(基本書類の提出) 図2参照
(手続料の交付) 図3参照

実質審査

正式登録

放棄の意思を表明
正式廃止

特許権発給

特許利用の促進

特許の存続

[illegible]

[Translation done.]

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WRITTEN AMENDMENT

[Procedure revision]
[Filing Date] April 1, Heisei 16 (2004. 4.1)
[Procedure amendment 1]
[Document to be Amended] DRAWINGS
[Item(s) to be Amended] drawing 2
[Method of Amendment] Modification
[The contents of amendment]
[Drawing 2]

	作成日	04/01/21		
	更新日	04/01/21	Version	1.0
<div data-bbox="553 1444 1479 1957"> <div data-bbox="743 1654 821 1957">患者一覧表示</div> <div data-bbox="971 1654 1049 1957">実績帳票出力</div> <div data-bbox="1393 1654 1471 1957">発注帳票出力</div> </div>	① 基本情報入力 予約処理の予約画面を表示します。 ② 患者一覧表 予約処理の確定画面を表示します。 ③ 実績登録 実績処理の実績画面を表示します。 ④ 実績帳票出力 分析処理の帳票出力メニューを表示します。 ⑤ 発注状況確認 発注処理の手続き画面を表示します。 ⑥ 発注帳票出力処理 発注処理の帳票出力メニューを表示します。 ⑦ マスタ管理 マスタ管理メニューを表示します。 ⑧ 終了(ログアウト)します。			

[Procedure amendment 2]
[Document to be Amended] DRAWINGS
[Item(s) to be Amended] drawing 3
[Method of Amendment] Modification
[The contents of amendment]
[Drawing 3]

作成日		04/01/21	Version		1.0
約画面（基本、場所タグ）					
<div> <div> <p>① 患者 ID を入力します。</p> <p>② ①で入力された患者情報が表示されます。</p> <p>③ 手術予約の日時を入力します。</p> <p>④ 術式を入力します。</p> <p>⑤ 病歴、アレルギーを入力します。</p> <p>⑥ 場所を入力します。</p> <p>⑦ 予約ボタンをクリックして予約の登録をします</p> <p>下記の確認画面が表示されます。</p> <p>内容の確認を「OK」してください。</p> </div> <div> <p>① 患者 ID を入力します。</p> <p>② ①で入力された患者情報が表示されます。</p> <p>③ 手術予約の日時を入力します。</p> <p>④ 術式を入力します。</p> <p>⑤ 病歴、アレルギーを入力します。</p> <p>⑥ 場所を入力します。</p> <p>⑦ 予約ボタンをクリックして予約の登録をします</p> <p>下記の確認画面が表示されます。</p> <p>内容の確認を「OK」してください。</p> </div> </div>					

[Procedure amendment 3]
[Document to be Amended] DRAWINGS
[Item(s) to be Amended] drawing_4
[Method of Amendment] Modification
[The contents of amendment]
[Drawing 4]

画面 (ビュー)	作成日	04/01/21	Version	1.0
	更新日	04/01/21		

① 日付指定で任意の日付での一覧が可能です。

② 表示されている帯をダブルクリックすることによって、詳細を表示することが可能です。

③ 確定画面へ遷移します。

④ 個別に確定を行う場合は、該当する予約の帯を指定し、基本情報表示ボタンをクリックします。

①

[Procedure amendment 4]
[Document to be Amended] DRAWINGS
[Item(s) to be Amended] drawing 5
[Method of Amendment] Modification
[The contents of amendment]
[Drawing 5]

作成日		04/01/21	Version		1.0
更新日		04/01/21			

① 内容を確認し、予約確定ボタンをクリックします。

予約が確定されると同時に、自動的に発注も確定となります。

なお、確定後の確定変更、発注変更はできませんので、注意して下さい。

[Procedure amendment 5]
[Document to be Amended] DRAWINGS
[Item(s) to be Amended] drawing 6
[Method of Amendment] Modification
[The contents of amendment]
[Drawing 6]

処理 (手続き)	作成日	04/01/21	Version	1.0
	更新日	04/01/21		

① 発注済み情報の一覧が表示されます。

② 納入日に日付(納入確認日)を入力し、確定ボタン(②-1)をクリックすると、納入済みとなり、次回以降表示されなくなります。

- 印刷 -

品目	手続予定日	数量ID	発注日	納品予定日	納品日
0	2003/12/25		2003/12/21	2003/12/27	②
0	2003/12/20		2003/12/20	2003/12/20	
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0	2003/12/27		2003/12/27	2003/12/27	
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0	2003/12/26		2003/12/26	2003/12/26	
0	2003/12/26		2003/12/26	2003/12/26	

[Procedure amendment 6]
[Document to be Amended] DRAWINGS
[Item(s) to be Amended] drawing 7
[Method of Amendment] Modification
[The contents of amendment]
[Drawing 7]

作成日 04/01/21 更新日 04/01/21 Version 1.0	① 各マスタデータのマスタメンテナンス画面を 表示します。
---------------------------------------------	----------------------------------

☐
☐
☐
☐

マスタ

病院情報

代理店情報

標準セット情報

[Translation done.]